



>>Entry Name: Chloromethylphenylsilane, 9Cl

CAS Registry Number: 1631-82-9

PhMeSiHCl

Molecular Formula: C₇H₉ClSi

Molecular Weight: 156.686

Accurate Mass: 156.016204

Percentage Composition: C 53.66%; H 5.79%; Cl 22.63%; Si 17.92%

Source/Synthesis: Synth. from PhMgCl + MeSiHCl₂

Physical Description: Liq.

Boiling Point: Bp₂₀ 66°

Density: d₄²⁰ 1.04

Refractive Index: n_D²⁰ 1.5163

Aldrich: 45491-5

Fluka: 68645

References:

Smith, A.L., *Spectrochim. Acta*, 1963, **19**, 849, (*ir*)

Tacke, R. *et al.*, *Monatsh. Chem.*, 1975, **106**, 1005, (*ir, ms, pmr, synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CIS625